

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT

DATE: December 13, 1990

Region II  
Air and Hazardous Substances Staff  
EPA Caribbean Field Office  
Santurce Puerto Rico 00910  
and  
Response and Prevention Branch  
Edison, New Jersey 08837

TO: R. Caspe, EPA  
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Caribbean RRT  
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J. Segarra, CD  
E. Ortiz, LEPC  
TAT

POLREP NO.: Eight (8).  
INCIDENT/SITE NO.: G - 7  
POLLUTANT: Volatile and aromatic organics, heavy metals,  
oil.  
CLASSIFICATION: Major  
SOURCE: Muratti Environmental site.  
LOCATION: State Road 385, Km. 3.5, Tallaboa Ward,  
Penuelas, P.R.  
AMOUNT: Unknown.  
AFFECTED MEDIUM: Air, soil, ground and surface water.

1. SITUATION:

Same as previous Pol Rep.

2. ACTION TAKEN:

November 17, 1990

- A. Drum staging area prepared. Staging of overpacks initiated.
- B. Results of the geophysical survey performed on the southern area of the site revealed no conductivity or magnetic anomalies.
- C. EPA instructed ERCS that the level of protection can be lowered to Level D for the preparation of the staging area.

November 19, 1990

- A. Lab jars segregation was completed. The jars were taken to the area designated for the crushing activities.
- B. All overpack drums were placed on the staging area.
- C. Two of the three aboveground tanks were sampled. One was determined to be empty.
- D. Overpack sampling continued.

November 20, 1990

- A. Lab jars crushing and overpacking activities were completed. The crushing device broke several times, therefore, the OSC instructed ERCS to place the jars in overpack drums and crush them.
- B. Ambient air monitoring was conducted during the crushing activities with an organic vapor analyzer (OVA), a photoionization detector (HNU) with a 10.2 ev lamp, and a combustible gas indicator (CGI). The readings obtained were:

OVA:

0-3 ppm, 25 ft downwind from the crushing area.  
12 ppm, inside overpack drum with crushed jars.

HNU:

0 ppm, 25 ft downwind from the crushing area.  
1-25 ppm, probe immediately above the drum.  
40 ppm, probe directly into the drum.

CGI:

No readings above background (0 LEL, 21% oxygen).

- C. During the segregation of lab jars, it was determined that most were production samples from a nearby refinery, therefore, 20 random samples of the jars were taken and composited for analyses.
- D. Overpack sampling continued.

November 21, 1990:

- A. Overpack sampling activities completed.
- B. Some oil contaminated soil was removed and placed in an overpack drum.
- C. Overpack staging area was covered with plastic sheeting.
- B. All equipment and machinery was decontaminated.
- E. ERCS and EPA demobilized.

**MEASURES WHICH COULD AVOID RELEASES OF SIMILAR NATURE:**

Unknown at this time.

**4. FUTURE PLANS AND RECOMMENDATIONS:**

- A. EPA will transport and finally dispose of the material contained in the overpack drums.
- C. EPA will continue the Enforcement Action against ROHO Investment Corporation and Mr. Muratti.

5. FINANCIAL ACCOUNTING

A.	Total Project Ceiling Authorized	\$ 237,000.00
B.	Total Funds Authorized for Mitigation Contracts	\$ 154,000.00
C.	Expenditures for Mitigation Contracts	
1.	Amount Obligated - DCN # KE0003 KE0006	\$ 154,000.00
2.	Estimated Expenditures (as of 11/21/90)	\$ 139,000.00
3.	Balance Remaining	\$ 15,000.00
D.	Unobligated Balance Remaining	\$ 0.00
E.	Estimated Total Expenditures to Date for Mitigation Contracts	\$ 139,000.00
F.	Other Extramural Costs	
1.	TAT Salary/Travel Expenses	
	TDD 02-9010-118. (1127) (as of 12/07/90)	\$ 31,751.61
2.	REAC	\$ 10,000.00
G.	Intramural Removal Costs	
1.	EPA Travel and Salary (as of 11/16/90)	\$ 11,000.00
H.	Total Expenditures	\$ 191,751.61
	Percentage of \$2 million	9.6%
I.	Percentage of Total Project Ceiling	80.9%

FURTHER POLREPS FORTHCOMING: ✓ FINAL POLREP:           

SUBMITTED BY: Angel Rodriguez DATE RELEASED: 1/20/91

Angel Rodriguez, OSC  
Environmental Protection Agency  
Response & Prevention Branch  
Edison, New Jersey